



## Summary of Weekly Construction Meeting

Remedial Action Construction  
Operable Unit 3, PVGCS Site

MEETING NO. 6 HELD ON: 01/22/2019

Reporting Period: 01/14/2020 to 01/20/2020

Date Prepared: 01/20/2020

### ATTENDEES:

Michelle Granger (USEPA)

Neal Kolb (USACE)

Erin Hauber (USACE)

Rich Gajdek (USACE)

Patrick Nejand (USACE)

Luis Hidalgo (Rio Tinto)

Brad Gibson (Rio Tinto)

John Herring (Rio Tinto)

Bruce Scott Kennington (Ramboll)

Michael Eddings (Ramboll)

Doug Burge (Ramboll)

Scott Tarmann (Ramboll)

Jamie Cavotta (Ramboll)

Stan Popelar (Ramboll)

Tom Shock (Ramboll)

Ruta Deshpande (Ramboll)

Chris Thomas (TRS)

Chad Crownover (TRS)

1. The outstanding action items from the previous weekly construction meeting were discussed by RE-US.
  - Ramboll submitted agenda before the weekly construction meeting.
2. HEALTH AND SAFETY
  - No incidents or near misses were reported this period.
  - Ventilation in the former molding room was discussed. Currently two rigs are operational, and one air handling unit is maintaining the temperature in the room by pulling cold air from the outside. Ventilation systems will be assessed once additional rigs are added to the room.
3. CONSTRUCTION ACTIVITIES PERFORMED DURING THIS REPORTING PERIOD (01/14/2020 to 01/20/2020)
  - Construction of HF8-8 was completed on Jan 15. The borehole was surveyed using the DeviFlex tool and borehole survey results showed that the overall deviation was within the target limit (4 ft).
  - Set-up of rig at HF8-7 began.
4. CONSTRUCTION ACTIVITIES SCHEDULED FOR THIS WEEK (01/14/2020 to 1/20/2020)
  - Drilling operations and TCH well construction for Heater Group A well will continue.
5. CONSTRUCTION ACTIVITIES SCHEDULED OVER NEXT 4 to 6 WEEKS
  - 8 weeks look ahead construction schedule was submitted.
  - The management of exhaust from multiple operating drill rigs was discussed. Rig exhaust will be elevated using scaffolds to clear the floor.
  - Installation of three Roof Top Units (RTU's) to exhaust ventilation air from the room once the engineered barrier wall is erected is planned for Jan/Feb time frame and following approval from the local New Jersey Department of Community Affairs (DCA) and contract award for this work.

#### 6. FIELD MODIFICATIONS

- None.

#### 7. DIFFICULTIES ENCOUNTERED

- Drilling at HF12-4 was delayed due to the drill casing getting stuck at 110 feet. Seven-inch override casing was used to drill over and free the casing. Drilling continued at HF12-4.

#### 8. CONSTRUCTION SCHEDULE

- There will not be any on-site activities on President's Day (Feb 17).

#### 9. PERMIT STATUS

- The status of permit applications submitted to the local New Jersey DCA for construction of barrier wall and roof ventilation system was discussed. The necessary permit approvals are expected shortly to enable the installation of RTU's.
- Applications for minor permit modifications, including application for discharge of treated condensate from the ISTR system and air discharge from the ISTR vapor treatment are planned for submittal to the New Jersey Department of Environmental Protection this month (Jan 2020).

#### 10. UPCOMING INSPECTIONS

- None.

#### 11. OPEN DISCUSSION

- Updates to the EVS model were discussed.
- Sampling in the production area (at boreholes HF12-2 and HF12-3) was discussed. EVS model is constrained in the production area, hence samples collected from these locations will be used to refine the model.
- Progress of the drilling activities was discussed. As of Jan 22, 9 out of 189 boreholes have been completed and drilling of two more borings is underway.

#### 12. RECAP OF ACTION ITEMS

- Ramboll to send out detailed meeting agenda before each Weekly Construction Meeting.
- Ramboll to send out schedule for sampling activities at HF12-2 and HF12-3.
- Ramboll to add borehole completion summary to the meeting agenda.
- Ramboll to send out stamped and sealed construction drawings via Aconex and to keep printed copies of these drawing on-site for reference.